

393821119421407 Local number 085 N21 E20 35DCBA8 LYSIMETER 4 DEEP

Basin and Range basin-fill aquifers

Undefined Aquifer

Washoe County, NV

LOCATION.--Lat 39°38'21.2", long 119°42'14.2" referenced to North American Datum of 1983, in NW ¼ SW ¼ SE ¼ sec.35, T.21 N., R.20 E., Washoe County, Hydrologic Unit 16050201.

WATER-QUALITY RECORDS

COOPERATION.--Washoe County Department of Water Resources

REMARKS.--Depth of lysimeter is 10 ft below land surface datum. Ground water quality data in this table were collected determine an estimate of the amount of nitrogen entering the ground water from septic tank systems in the valley by collection of water quality data from lysimeters and ground water wells near septic systems.

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**

Part 1 of 2

[Remark codes: <, less than.]

Date	Time	Sample type	Specif. conduc- tance, wat unf lab, uS/cm 25 degC (90095)	Chlor- ide, water, fltrd, mg/L (00940)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Total nitro- gen, wat flt by anal ysis, mg/L (62854)
Oct								
05...	1025	Interstitial water	1,150	112	27.5	.64	.041	33.5
Nov								
02...	1006	Interstitial water	1,200	113	28.7	.30	.027	29.1
Dec								
07...	1040	Interstitial water	1,000	94.4	26.0	<.06	.011	29.9
Mar								
01...	1116	Interstitial water	1,330	116	44.1	<.06	.015	48.8
Apr								
05...	1248	Interstitial water	1,350	113	44.9	<.06	.015	48.0
May								
04...	1211	Interstitial water	1,140	116	44.5	<.06	.036	47.8
Jun								
01...	1208	Interstitial water	1,350	114	43.3	.35	.139	49.3
Jul								
06...	1135	Interstitial water	1,350	121	47.4	.371	.020	51.0
Aug								
02...	1212	Interstitial water	1,300	112	47.9	.74	.071	54.8
Sep								
07...	0912	Interstitial water	1,190	125	48.4	1.37	.058	51.2

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 2 of 2

[Remark codes: <, less than.]

Date	Time	Sample type	Specif. conduc- tance, wat unf lab, uS/cm 25 degC (90095)	Chlor- ide, water, fltrd, mg/L (00940)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Total nitro- gen, wat flt by anal ysis, mg/L (62854)
Oct								
04...	0915	Interstitial water	--	122	46.2	1.62	.108	53.0
Nov								
01...	1056	Interstitial water	--	126	43.9	2.40	.187	55.6
29...	0910	Interstitial water	1,320	125	43.8	3.99	.161	48.8
Dec								
21...	1348	Interstitial water	1,240	128	41.8	4.12	.528	49.0